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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/014330 A1

(54) Title: ANTIPIERSPIRANT AEROSOL COMPOSITIONS

(57) Abstract: A suspension antiperspirant aerosol composition comprising milled activated aluminium chlorohydrate (AACH) having non-hollow particles and a carrier fluid comprising a masking oil of viscosity 10<sup>3</sup> mm<sup>2</sup>/s or greater gives good antiperspirancy and reduced levels of white deposits.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/07065

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61K7/32

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0037264 A1 (BURRY JASON SHAUN ET AL) 28 March 2002 (2002-03-28) page 51, paragraph 0047; example 6.6 -----	1-4,9-15
X	EP 0 804 921 A (UNILEVER PLC ; UNILEVER NV (NL)) 5 November 1997 (1997-11-05) example: Propellant driven aerosol base page 2, line 41 - page 3, line 32; claims 1-8 -----	1-5,9-15
X	US 5 840 289 A (HALL PETER JOHN) 24 November 1998 (1998-11-24) cited in the application the whole document -----	1-15
A	US 6 251 376 B1 (BURRY JASON S ET AL) 26 June 2001 (2001-06-26) the whole document -----	1-15
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

11 November 2003

Date of mailing of the international search report

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International Application No  
PCT/EP 03/07065

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97 47273 A (MARTI VERNON PETER JOHN ; TEMPLE JOHN (GB); UNILEVER PLC (GB); UNILEVE) 18 December 1997 (1997-12-18) the whole document -----	1-15
A	WO 02 055044 A (FRANKLIN KEVIN RONALD ; CHUAH BENG SIM (GB); UNILEVER PLC (GB); HOUGH) 18 July 2002 (2002-07-18) the whole document -----	1-15
A	US 6 245 324 B1 (HOUGH GORDON CHARLES ET AL) 12 June 2001 (2001-06-12) the whole document -----	1-15
A	WO 98 35648 A (UNILEVER PLC ; UNILEVER NV (NL)) 20 August 1998 (1998-08-20) the whole document -----	1-15

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP 03/07065

### Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
  
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Present claims 1-15 relate to a product defined (*inter alia*) by reference to the following parameters:

- P1: masking oil of viscosity 1000 mm<sup>2</sup>/s or greater
- P2: the AAC has a continuous Refractive Index (RI)
- P3: the masking oil has an RI of 1.40 to 1.57

The use of these parameters in the present context is considered to lead to a lack of clarity within the meaning of Article 6 PCT. It is impossible to compare the parameters the applicant has chosen to employ with what is set out in the prior art. The lack of clarity is such as to render a meaningful complete search impossible. Consequently, the search has been restricted to a suspension antiperspirant composition as mentioned in claim 1 independently from the viscosity and the RI of the masking oil or of the AAC.

Claims searched incompletely: 1-15

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

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